(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
AdB2:														
Aldino	0-10	---	---	8-18	1.20-1.40	0.6-6	0.16-0.27	0.0-2.9	1.0-3.0	.43	.43	4	---	56
	10-22	---	---	18-32	1.30-1.50	0.6-2	0.12-0.24	3.0-5.9	---	.43	.43			
	22-36	---	---	18-32	1.40-1.70	0.06-0.2	0.06-0.10	0.0-2.9	---	.43	.43			
	36-60	---	---	15-27	1.30-1.50	0.6-2	0.10-0.14	0.0-2.9	---	.43	.43			
AdC2:														
Aldino	0-10	---	---	8-18	1.20-1.40	0.6-6	0.16-0.27	0.0-2.9	1.0-3.0	.43	.43	4	---	56
	10-22	---	---	18-32	1.30-1.50	0.6-2	0.12-0.24	3.0-5.9	---	.43	.43			
	22-36	---	---	18-32	1.40-1.70	0.06-0.2	0.06-0.10	0.0-2.9	---	.43	.43			
	36-60	---	---	15-27	1.30-1.50	0.6-2	0.10-0.14	0.0-2.9	---	.43	.43			
AgB2:														
Aura	0-8	---	---	4-15	1.30-1.60	2-20	0.10-0.15	0.0-2.9	1.0-2.0	.37	.37	5	3	86
	8-59	---	---	15-35	1.50-1.70	0.2-6	0.07-0.15	0.0-2.9	---	.17	.20			
	59-72	---	---	3-32	1.45-1.65	0.2-20	0.02-0.13	0.0-2.9	---	.17	.20			
AgC2:														
Aura	0-8	---	---	4-15	1.30-1.60	2-20	0.10-0.15	0.0-2.9	1.0-2.0	.37	.37	5	3	86
	8-59	---	---	15-35	1.50-1.70	0.2-6	0.07-0.15	0.0-2.9	---	.17	.20			
	59-72	---	---	3-32	1.45-1.65	0.2-20	0.02-0.13	0.0-2.9	---	.17	.20			
AgE3:														
Aura	0-8	---	---	4-15	1.30-1.60	2-20	0.10-0.15	0.0-2.9	1.0-2.0	.37	.37	5	3	86
	8-59	---	---	15-35	1.50-1.70	0.2-6	0.07-0.15	0.0-2.9	---	.17	.20			
	59-72	---	---	3-32	1.45-1.65	0.2-20	0.02-0.13	0.0-2.9	---	.17	.20			
Ba:														
Baile	0-9	---	---	15-32	1.20-1.40	0.2-0.6	0.16-0.25	0.0-2.9	1.0-4.0	.43	.43	5	5	56
	9-32	---	---	10-35	1.30-1.60	0.06-0.2	0.12-0.24	3.0-5.9	0.0-0.5	.43	.43			
	32-60	---	---	10-25	1.30-1.60	0.06-0.6	0.10-0.24	0.0-2.9	0.0-0.5	.43	.43			
BeA:														
Beltsville	0-14	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	---	56
	14-25	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	25-50	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	50-72	---	---	19-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
BeB2:														
Beltsville	0-14	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	---	56
	14-25	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	25-50	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	50-72	---	---	19-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
BeC2:														
Beltsville	0-14	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	---	56
	14-25	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	25-50	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	50-72	---	---	19-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
BeC3:														
Beltsville	0-14	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	3	5	56
	14-25	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	25-50	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	50-72	---	---	19-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
BeD2:														
Beltsville	0-14	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	---	56
	14-25	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	25-50	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	50-72	---	---	19-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
BrB2:														
Brandywine	0-8	---	---	7-18	1.20-1.40	2-6	0.14-0.16	0.0-2.9	1.0-3.0	.24	.24	5	---	56
	8-12	---	---	7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	0.0-0.5	.20	.24			
	12-25	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
	25-65	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
BrC2:														
Brandywine	0-8	---	---	7-18	1.20-1.40	2-6	0.14-0.16	0.0-2.9	1.0-3.0	.24	.24	5	---	56
	8-12	---	---	7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	0.0-0.5	.20	.24			
	12-25	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
	25-65	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
BrC3:														
Brandywine	0-8	---	---	7-18	1.20-1.40	2-6	0.14-0.16	0.0-2.9	1.0-3.0	.24	.24	4	5	56
	8-12	---	---	7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	0.0-0.5	.20	.24			
	12-25	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
	25-65	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
BrD2:														
Brandywine	0-8	---	---	7-18	1.20-1.40	2-6	0.14-0.16	0.0-2.9	1.0-3.0	.24	.24	5	---	56
	8-12	---	---	7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	0.0-0.5	.20	.24			
	12-25	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
	25-65	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
BrD3:														
Brandywine	0-8	---	---	7-18	1.20-1.40	2-6	0.14-0.16	0.0-2.9	1.0-3.0	.24	.24	4	5	56
	8-12	---	---	7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	0.0-0.5	.20	.24			
	12-25	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
	25-65	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
BrF:														
Brandywine	0-8	---	---	7-18	1.20-1.40	2-6	0.14-0.16	0.0-2.9	1.0-3.0	.24	.24	5	---	56
	8-12	---	---	7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	0.0-0.5	.20	.24			
	12-25	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
	25-65	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24			
BwD:														
Brandywine	0-10	---	---	10-25	1.10-1.45	0.6-2	0.14-0.17	0.0-2.9	1.0-3.0	.32	.37	5	---	56
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.49			
CgB2:														
Chester	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.28	.32	5	5	56
	8-42	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	42-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
CgC2:														
Chester	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.28	.32	5	5	56
	8-42	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	42-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChA:														
Chester	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	8-42	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	42-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChB2:														
Chester	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	8-42	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	42-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChC2:														
Chester	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	8-42	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	42-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChC3:														
Chester	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	4	5	56
	8-42	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	42-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
ChD2:														
Chester	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	8-42	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	42-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ClC3:														
Chillum	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.24	.43	3	5	56
	8-28	---	---	18-35	1.10-1.30	0.6-2	0.19-0.22	0.0-2.9	0.0-0.5	.37	.37			
	28-72	---	---	18-23	1.20-1.50	0.2-2	0.03-0.12	0.0-2.9	0.0-0.5	.17	.24			
ClD2:														
Chillum	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.24	.43	4	---	56
	8-28	---	---	18-35	1.10-1.30	0.6-2	0.19-0.22	0.0-2.9	0.0-0.5	.37	.37			
	28-72	---	---	18-23	1.20-1.50	0.2-2	0.03-0.12	0.0-2.9	0.0-0.5	.17	.24			
ClE2:														
Chillum	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.24	.43	4	---	56
	8-28	---	---	18-35	1.10-1.30	0.6-2	0.19-0.22	0.0-2.9	0.0-0.5	.37	.37			
	28-72	---	---	18-23	1.20-1.50	0.2-2	0.03-0.12	0.0-2.9	0.0-0.5	.17	.24			
CmB2:														
Chillum	0-8	---	---	10-23	1.10-1.30	0.6-2	0.19-0.21	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	8-28	---	---	18-35	1.10-1.30	0.6-2	0.19-0.22	0.0-2.9	0.0-0.5	.37	.37			
	28-72	---	---	18-23	1.20-1.50	0.2-2	0.03-0.12	0.0-2.9	0.0-0.5	.17	.24			
CmC2:														
Chillum	0-8	---	---	10-23	1.10-1.30	0.6-2	0.19-0.21	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	8-28	---	---	18-35	1.10-1.30	0.6-2	0.19-0.22	0.0-2.9	0.0-0.5	.37	.37			
	28-72	---	---	18-23	1.20-1.50	0.2-2	0.03-0.12	0.0-2.9	0.0-0.5	.17	.24			
CnB2:														
Chillum	0-8	---	---	10-23	1.10-1.30	0.6-2	0.19-0.21	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	8-28	---	---	18-35	1.10-1.30	0.6-2	0.19-0.22	0.0-2.9	0.0-0.5	.37	.37			
	28-72	---	---	18-23	1.20-1.50	0.2-2	0.03-0.12	0.0-2.9	0.0-0.5	.17	.24			
Fairfax	0-9	---	---	10-20	1.20-1.50	2-6	0.14-0.20	0.0-2.9	1.0-2.0	.43	.43	5	---	56
	9-19	---	---	28-35	1.20-1.50	0.6-2	0.16-0.19	3.0-5.9	---	.43	.43			
	19-24	---	---	35-50	1.35-1.65	0.6-2	0.12-0.16	3.0-5.9	---	.28	.32			
	24-40	---	---	35-50	1.35-1.60	0.6-2	0.16-0.19	3.0-5.9	---	.43	.43			
	40-80	---	---	10-35	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	---	.43	.43			
CnD3:														
Chillum	0-8	---	---	10-23	1.10-1.30	0.6-2	0.19-0.21	0.0-2.9	1.0-3.0	.43	.43	3	5	56
	8-28	---	---	18-35	1.10-1.30	0.6-2	0.19-0.22	0.0-2.9	0.0-0.5	.37	.37			
	28-72	---	---	18-23	1.20-1.50	0.2-2	0.03-0.12	0.0-2.9	0.0-0.5	.17	.24			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Fairfax	0-9	---	---	10-20	1.20-1.50	2-6	0.14-0.20	0.0-2.9	1.0-2.0	.43	.43	5	5	56
	9-19	---	---	28-35	1.20-1.50	0.6-2	0.16-0.19	3.0-5.9	---	.43	.43			
	19-24	---	---	35-50	1.35-1.65	0.6-2	0.12-0.16	3.0-5.9	---	.28	.32			
	24-40	---	---	35-50	1.35-1.60	0.6-2	0.16-0.19	3.0-5.9	---	.43	.43			
	40-80	---	---	10-35	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	---	.43	.43			
Co:														
Codorus	0-18	---	---	15-25	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.49	.37	5	---	56
	18-54	---	---	18-35	1.20-1.50	0.6-2	0.14-0.18	0.0-2.9	---	.37	.37			
	54-60	---	---	5-12	1.20-1.50	2-20	0.04-0.08	0.0-2.9	---	.24	.28			
Cs:														
Comus	0-30	---	---	5-18	1.20-1.40	0.6-2	0.13-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	56
	30-60	---	---	5-34	1.30-1.60	0.6-6	0.07-0.21	0.0-2.9	---	.28	.32			
CuB:														
Comus	0-30	---	---	5-18	1.20-1.40	0.6-2	0.13-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	56
	30-60	---	---	5-34	1.30-1.60	0.6-6	0.07-0.21	0.0-2.9	---	.28	.32			
DeA:														
Delanco	0-13	---	---	5-20	1.10-1.30	0.6-2	0.14-0.24	0.0-2.9	2.0-4.0	.37	.37	5	5	56
	13-39	---	---	18-30	1.40-1.60	0.2-0.6	0.18-0.22	3.0-5.9	---	.32	.32			
	39-72	---	---	5-27	1.50-1.70	0.6-2	0.10-0.22	0.0-2.9	---	.28	.32			
DeB2:														
Delanco	0-13	---	---	5-20	1.10-1.30	0.6-2	0.14-0.24	0.0-2.9	2.0-4.0	.37	.37	5	5	56
	13-39	---	---	18-30	1.40-1.60	0.2-0.6	0.18-0.22	3.0-5.9	---	.32	.32			
	39-72	---	---	5-27	1.50-1.70	0.6-2	0.10-0.22	0.0-2.9	---	.28	.32			
EkA:														
Elioak	0-15	---	---	15-27	1.25-1.40	0.6-2	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	5	56
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-65	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			
EkB2:														
Elioak	0-15	---	---	15-27	1.25-1.40	0.6-2	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	5	56
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-65	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			
EkC2:														
Elioak	0-15	---	---	15-27	1.25-1.40	0.6-2	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	5	56
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-65	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
EkD2:														
Elioak	0-15	---	---	15-27	1.25-1.40	0.6-2	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	5	56
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-65	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			
ElC3:														
Elioak	0-15	---	---	28-42	1.30-1.50	0.2-2	0.08-0.12	3.0-5.9	1.0-3.0	.28	.28	4	6	48
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-65	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			
ElD3:														
Elioak	0-15	---	---	28-42	1.30-1.50	0.2-2	0.08-0.12	3.0-5.9	1.0-3.0	.28	.28	4	6	48
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-65	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			
Em:														
Elkton	0-10	---	---	11-25	1.20-1.50	0.6-2	0.18-0.24	0.0-2.9	1.0-4.0	.43	.43	5	5	56
	10-24	---	---	27-35	1.35-1.55	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.37	.37			
	24-40	---	---	27-45	1.35-1.55	0.0015-0.06	0.12-0.19	3.0-5.9	0.0-0.5	.32	.32			
	40-65	---	---	15-20	1.45-1.65	0.2-0.6	0.10-0.15	0.0-2.9	0.0-0.5	.32	.32			
Elkton	0-10	---	---	11-25	1.20-1.50	0.6-2	0.18-0.24	0.0-2.9	1.0-4.0	.43	.43	5	5	56
	10-24	---	---	27-35	1.35-1.55	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.37	.37			
	24-40	---	---	27-45	1.35-1.55	0.0015-0.06	0.12-0.19	3.0-5.9	0.0-0.5	.32	.32			
	40-65	---	---	15-20	1.45-1.65	0.2-0.6	0.10-0.15	0.0-2.9	0.0-0.5	.32	.32			
EnA:														
Elsinboro	0-15	---	---	8-18	1.25-1.40	0.6-2	0.10-0.18	0.0-2.9	1.0-3.0	.37	.37	5	5	56
	15-36	---	---	18-34	1.30-1.50	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	36-60	---	---	8-34	1.35-1.55	0.6-6	0.06-0.14	0.0-2.9	0.0-0.5	.17	.20			
EnB2:														
Elsinboro	0-15	---	---	8-18	1.25-1.40	0.6-2	0.10-0.18	0.0-2.9	1.0-3.0	.37	.37	5	5	56
	15-36	---	---	18-34	1.30-1.50	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	36-60	---	---	8-34	1.35-1.55	0.6-6	0.06-0.14	0.0-2.9	0.0-0.5	.17	.20			
EnC2:														
Elsinboro	0-15	---	---	8-18	1.25-1.40	0.6-2	0.10-0.18	0.0-2.9	1.0-3.0	.37	.37	5	5	56
	15-36	---	---	18-34	1.30-1.50	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	36-60	---	---	8-34	1.35-1.55	0.6-6	0.06-0.14	0.0-2.9	0.0-0.5	.17	.20			
EvB:														
Evesboro	0-16	---	---	1-4	1.20-1.55	6-20	0.04-0.09	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	16-40	---	---	3-6	1.30-1.60	6-20	0.04-0.09	0.0-2.9	0.0-0.5	.17	.17			
	40-72	---	---	1-10	1.30-1.60	2-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.17			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
EvC:														
Evesboro	0-16	---	---	1-4	1.20-1.55	6-20	0.04-0.09	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	16-40	---	---	3-6	1.30-1.60	6-20	0.04-0.09	0.0-2.9	0.0-0.5	.17	.17			
	40-72	---	---	1-10	1.30-1.60	2-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.17			
Fa:														
Fallsington	0-10	---	---	5-18	1.00-1.45	0.6-2	0.18-0.24	0.0-2.9	0.5-2.0	.32	.32	5	5	56
	10-32	---	---	18-30	1.50-1.80	0.2-2	0.15-0.18	0.0-2.9	0.0-0.5	.28	.28			
	32-72	---	---	2-30	1.50-1.85	0.6-20	0.06-0.20	0.0-2.9	0.0-0.5	.20	.20			
Fallsington	0-10	---	---	5-18	1.00-1.45	0.6-2	0.18-0.24	0.0-2.9	0.5-2.0	.32	.32	5	5	56
	10-32	---	---	18-30	1.50-1.80	0.2-2	0.15-0.18	0.0-2.9	0.0-0.5	.28	.28			
	32-72	---	---	2-30	1.50-1.85	0.6-20	0.06-0.20	0.0-2.9	0.0-0.5	.20	.20			
GlA:														
Glenelg	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-65	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GlB2:														
Glenelg	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-65	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GlC2:														
Glenelg	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-65	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GlC3:														
Glenelg	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	4	6	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-65	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GlD2:														
Glenelg	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-65	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GlD3:														
Glenelg	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	4	6	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-65	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
GnA:														
Glenville	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	3	---	56
	9-18	---	---	20-35	1.40-1.60	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.24	.28			
	18-40	---	---	20-35	1.60-1.80	0.06-0.6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	40-62	---	---	5-25	1.40-1.60	0.2-0.6	0.06-0.12	0.0-2.9	0.0-0.5	.24	.32			
GnB2:														
Glenville	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	3	---	56
	9-18	---	---	20-35	1.40-1.60	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.24	.28			
	18-40	---	---	20-35	1.60-1.80	0.06-0.6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	40-62	---	---	5-25	1.40-1.60	0.2-0.6	0.06-0.12	0.0-2.9	0.0-0.5	.24	.32			
GnC2:														
Glenville	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	3	---	56
	9-18	---	---	20-35	1.40-1.60	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.24	.28			
	18-40	---	---	20-35	1.60-1.80	0.06-0.6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	40-62	---	---	5-25	1.40-1.60	0.2-0.6	0.06-0.12	0.0-2.9	0.0-0.5	.24	.32			
Gp:														
Gravel Pits And Quar	0-6	---	---	0-1	---	6-20	0.01-0.02	0.0-2.9	0.0-0.1	.02	---	--	8	0
	6-60	---	---	0-1	---	6-20	0.01-0.02	0.0-2.9	---	.02	---			
Ha:														
Hatboro	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.22	0.0-2.9	1.0-4.0	.49	.37	5	---	56
	9-44	---	---	15-35	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	---	.32	.20			
	44-56	---	---	10-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	---	.20	.20			
	56-70	---	---	5-45	1.10-1.60	2-6	0.04-0.08	0.0-2.9	---	.20	---			
IuB:														
Iuka	0-13	---	---	6-15	1.30-1.60	0.6-2	0.15-0.20	0.0-2.9	0.5-2.0	.37	.37	5	---	48
	13-22	---	---	8-18	1.30-1.60	0.6-2	0.10-0.20	0.0-2.9	---	.28	.28			
	22-60	---	---	5-15	1.30-1.60	0.6-2	0.10-0.20	0.0-2.9	---	.20	.20			
KcE3:														
Kelly	0-10	---	---	15-27	1.00-1.30	0.6-2	0.16-0.22	0.0-2.9	0.5-2.0	.32	.32	3	6	48
	10-15	---	---	20-40	1.20-1.50	0.06-0.2	0.10-0.16	6.0-8.9	0.0-0.5	.28	.28			
	15-40	---	---	40-60	1.20-1.50	0.0015-0.06	0.08-0.12	9.0-25.0	0.0-0.5	.10	.10			
	40-65	---	---	10-40	1.30-1.60	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.15	.15			
KeB2:														
Kelly	0-9	---	---	10-27	1.20-1.40	0.6-2	0.13-0.21	0.0-2.9	0.5-2.0	.37	.37	3	---	56
	9-38	---	---	34-60	1.20-1.40	0.06-0.2	0.11-0.21	6.0-8.9	---	.28	.28			
	38-41	---	---	20-50	1.30-1.60	0.06-2	0.11-0.21	6.0-8.9	---	.24	.28			
	41-45	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
	45-49	---	---	---	---	0.0000-0.0000	---	---	---	---	---			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
KeC2:														
Kelly	0-10	---	---	15-27	1.00-1.30	0.6-2	0.16-0.22	0.0-2.9	0.5-2.0	.37	.37	3	6	48
	10-15	---	---	20-40	1.20-1.50	0.06-0.2	0.10-0.16	6.0-8.9	0.0-0.5	.28	.28			
	15-40	---	---	40-60	1.20-1.50	0.0015-0.06	0.08-0.12	9.0-25.0	0.0-0.5	.10	.10			
	40-65	---	---	10-40	1.30-1.60	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.15	.15			
KhC2:														
Keyport	0-10	---	---	10-25	1.20-1.60	0.2-2	0.16-0.22	0.0-2.9	1.0-3.0	.43	.43	3	5	56
	10-60	---	---	30-50	1.35-1.60	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.32	.32			
	60-72	---	---	5-50	1.35-1.75	0.06-20	0.07-0.20	0.0-2.9	0.0-0.5	.28	.28			
Kn:														
Kinkora	0-12	---	---	15-27	1.25-1.55	0.2-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	56
	12-30	---	---	35-55	1.20-1.50	0.06-0.2	0.15-0.21	6.0-8.9	---	.28	.28			
	30-36	---	---	20-40	1.25-1.50	0.6-2	0.14-0.20	0.0-2.9	---	.28	.28			
	36-60	---	---	---	---	---	---	---	---	---	---			
LeB2:														
Legore	0-10	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	10-24	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	24-66	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
	66-70	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			
LeC2:														
Legore	0-10	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	10-24	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	24-66	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
	66-70	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			
LgC3:														
Legore	0-10	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	4	6	48
	10-24	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	24-66	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
	66-70	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			
Ll:														
Leonardtown	0-12	---	---	8-22	1.40-1.70	0.6-2	0.18-0.24	0.0-2.9	0.5-6.0	.43	.43	3	---	56
	12-49	---	---	15-35	1.70-1.90	0.06-0.2	0.08-0.12	0.0-2.9	0.0-0.5	.32	.32			
	49-70	---	---	10-30	1.60-1.90	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
LnB2:														
Linganore	0-11	---	---	18-26	0.80-1.00	0.6-2	0.10-0.17	3.0-5.9	0.5-1.0	.24	.28	3	7	38
	11-17	---	---	20-35	1.25-1.55	0.2-0.6	0.09-0.14	0.0-2.9	0.0-0.5	.17	.24			
	17-22	---	---	18-32	1.25-1.55	0.2-0.6	0.05-0.09	0.0-2.9	0.0-0.5	.05	.17			
	22-51	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			
	51-55	---	---	---	---	0.0000-0.0000	---	---	---	---	---			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
LnC2:														
Linganore	0-11	---	---	18-26	0.80-1.00	0.6-2	0.10-0.17	3.0-5.9	0.5-1.0	.24	.28	3	7	38
	11-17	---	---	20-35	1.25-1.55	0.2-0.6	0.09-0.14	0.0-2.9	0.0-0.5	.17	.24			
	17-22	---	---	18-32	1.25-1.55	0.2-0.6	0.05-0.09	0.0-2.9	0.0-0.5	.05	.17			
	22-51	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			
	51-55	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
LnD2:														
Linganore	0-11	---	---	18-26	0.80-1.00	0.6-2	0.10-0.17	3.0-5.9	0.5-1.0	.24	.28	3	7	38
	11-17	---	---	20-35	1.25-1.55	0.2-0.6	0.09-0.14	0.0-2.9	0.0-0.5	.17	.24			
	17-22	---	---	18-32	1.25-1.55	0.2-0.6	0.05-0.09	0.0-2.9	0.0-0.5	.05	.17			
	22-51	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			
	51-55	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
LoE:														
Linganore	0-11	---	---	18-26	0.80-1.00	0.6-2	0.10-0.17	3.0-5.9	0.5-1.0	.24	.28	3	7	38
	11-17	---	---	20-35	1.25-1.55	0.2-0.6	0.09-0.14	0.0-2.9	0.0-0.5	.17	.24			
	17-22	---	---	18-32	1.25-1.55	0.2-0.6	0.05-0.09	0.0-2.9	0.0-0.5	.05	.17			
	22-51	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			
	51-55	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
Md:														
Made Land	0-6	---	---	---	---	---	0.00-0.00	---	---	---	---	--	---	---
MgB2:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.14-0.17	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MgC2:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.14-0.17	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MgC3:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.14-0.17	0.0-2.9	1.0-3.0	.37	.37	4	6	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MlA:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
MlB2:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MlC2:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MlC3:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	4	6	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MlD2:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MlD3:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	4	6	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MlE:														
Manor	0-10	---	---	10-25	1.10-1.40	0.6-2	0.14-0.17	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
MnD:														
Manor	0-10	---	---	10-25	1.10-1.45	0.6-2	0.14-0.17	0.0-2.9	1.0-3.0	.32	.37	5	---	56
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.49			
MnF:														
Manor	0-10	---	---	10-25	1.10-1.45	0.6-2	0.14-0.17	0.0-2.9	1.0-3.0	.32	.37	5	---	56
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.49			
Mo:														
Mixed Alluvial Land	0-6	---	---	5-15	1.00-1.40	0.6-2	0.10-0.15	0.0-2.9	0.5-2.0	.43	.49	5	---	86
	6-42	---	---	5-20	1.00-1.45	0.6-6	0.06-0.12	0.0-2.9	---	.37	.43			
	42-60	---	---	18-35	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.32	.32			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
MpB2:														
Montalto	0-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	11-45	---	---	30-55	1.60-1.90	0.2-0.6	0.14-0.16	6.0-8.9	0.0-0.5	.28	.28			
	45-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			
MpC2:														
Montalto	0-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	11-45	---	---	30-55	1.60-1.90	0.2-0.6	0.14-0.16	6.0-8.9	0.0-0.5	.28	.28			
	45-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			
MqC3:														
Montalto	0-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	4	6	48
	11-45	---	---	30-55	1.35-1.65	0.2-0.6	0.08-0.16	6.0-8.9	0.0-0.5	.28	.28			
	45-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			
MrE:														
Montalto	0-7	---	---	18-27	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	7-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	3.0-5.9	0.0-0.5	.28	.28			
	11-45	---	---	30-55	1.60-1.90	0.2-0.6	0.14-0.21	6.0-8.9	0.0-0.5	.28	.28			
	45-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			
Relay	0-8	---	---	10-30	1.10-1.30	0.6-2	0.18-0.24	0.0-2.9	1.0-6.0	.24	.24	3	---	48
	8-33	---	---	18-35	1.20-1.50	0.6-2	0.18-0.24	3.0-5.9	1.0-2.0	.28	.28			
	33-60	---	---	10-25	1.40-1.60	0.6-2	0.16-0.20	0.0-2.9	0.0-0.5	.32	.32			
	60-64	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			
MsD:														
Montalto	0-7	---	---	18-27	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	7-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	3.0-5.9	0.0-0.5	.28	.28			
	11-45	---	---	30-55	1.60-1.90	0.2-0.6	0.14-0.21	6.0-8.9	0.0-0.5	.28	.28			
	45-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			
Relay	0-7	---	---	18-27	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	3	---	48
	7-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	3.0-5.9	0.0-0.5	.28	.28			
	11-45	---	---	30-55	1.60-1.90	0.2-0.6	0.14-0.21	6.0-8.9	0.0-0.5	.28	.28			
	45-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			
MsF:														
Montalto	0-7	---	---	18-27	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	7-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	3.0-5.9	0.0-0.5	.28	.28			
	11-45	---	---	30-55	1.60-1.90	0.2-0.6	0.14-0.21	6.0-8.9	0.0-0.5	.28	.28			
	45-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			
Relay	0-7	---	---	18-27	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	3	---	48
	7-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	3.0-5.9	0.0-0.5	.28	.28			
	11-45	---	---	30-55	1.60-1.90	0.2-0.6	0.14-0.21	6.0-8.9	0.0-0.5	.28	.28			
	45-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
MtB2:														
Mt.airy	0-6	---	---	15-26	1.20-1.40	0.6-2	0.08-0.12	0.0-2.9	1.0-3.0	.28	.37	3	---	48
	6-33	---	---	15-30	1.20-1.40	0.6-6	0.05-0.09	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
MtC2:														
Mt.airy	0-6	---	---	15-26	1.20-1.40	0.6-2	0.08-0.12	0.0-2.9	1.0-3.0	.28	.37	3	---	48
	6-33	---	---	15-30	1.20-1.40	0.6-6	0.05-0.09	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
MtC3:														
Mt.airy	0-6	---	---	15-26	1.20-1.40	0.6-2	0.08-0.12	0.0-2.9	1.0-3.0	.28	.37	2	6	48
	6-33	---	---	15-30	1.20-1.40	0.6-6	0.05-0.09	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
MtD2:														
Mt.airy	0-6	---	---	15-26	1.20-1.40	0.6-2	0.08-0.12	0.0-2.9	1.0-3.0	.28	.37	3	---	48
	6-33	---	---	15-30	1.20-1.40	0.6-6	0.05-0.09	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
MtE:														
Mt.airy	0-6	---	---	15-26	1.20-1.40	0.6-2	0.08-0.12	0.0-2.9	1.0-3.0	.28	.37	3	---	48
	6-33	---	---	15-30	1.20-1.40	0.6-6	0.05-0.09	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.0000-0.0000	---	---	---	---	---			
NeB2:														
Neshaminy	0-11	---	---	10-25	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	5	---	56
	11-54	---	---	20-40	1.40-1.60	0.2-0.6	0.10-0.14	0.0-2.9	0.0-0.5	.17	.20			
	54-58	---	---	---	---	0.2-2	---	---	---	---	---			
NeC2:														
Neshaminy	0-11	---	---	10-25	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	5	---	56
	11-54	---	---	20-40	1.40-1.60	0.2-0.6	0.10-0.14	0.0-2.9	0.0-0.5	.17	.20			
	54-58	---	---	---	---	0.2-2	---	---	---	---	---			
NsD3:														
Neshaminy	0-11	---	---	28-40	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	2.0-4.0	.28	.28	4	7	38
	11-54	---	---	20-40	1.40-1.60	0.2-0.6	0.10-0.14	0.0-2.9	0.0-0.5	.17	.20			
	54-58	---	---	---	---	0.2-2	---	---	---	---	---			
ReC2:														
Relay	0-8	---	---	10-30	1.10-1.30	0.6-2	0.18-0.24	0.0-2.9	1.0-6.0	.24	.24	3	---	48
	8-33	---	---	18-35	1.20-1.50	0.6-2	0.18-0.24	3.0-5.9	1.0-2.0	.28	.28			
	33-60	---	---	10-25	1.40-1.60	0.6-2	0.16-0.20	0.0-2.9	0.0-0.5	.32	.32			
	60-64	---	---	---	---	0.0000-0.0000	---	---	0.0-0.5	---	---			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
RuB2:														
Rumford	0-17	---	---	2-12	1.25-1.45	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	17-37	---	---	8-20	1.25-1.45	2-6	0.10-0.15	0.0-2.9	---	.17	.17			
	37-60	---	---	2-18	1.25-1.50	2-20	0.04-0.10	0.0-2.9	---	.17	.20			
RuC2:														
Rumford	0-17	---	---	2-12	1.25-1.45	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	17-37	---	---	8-20	1.25-1.45	2-6	0.10-0.15	0.0-2.9	---	.17	.17			
	37-60	---	---	2-18	1.25-1.50	2-20	0.04-0.10	0.0-2.9	---	.17	.20			
RuD2:														
Rumford	0-17	---	---	2-12	1.25-1.45	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	17-37	---	---	8-20	1.25-1.45	2-6	0.10-0.15	0.0-2.9	---	.17	.17			
	37-60	---	---	2-18	1.25-1.50	2-20	0.04-0.10	0.0-2.9	---	.17	.20			
ScB:														
Sandy And Clayey Land	0-28	---	---	---	---	6-20	0.04-0.15	0.0-2.9	---	.17	.17	3	---	134
	28-36	---	---	---	---	0.6-6	0.12-0.18	0.0-2.9	---	.17	.17			
	36-60	---	---	---	---	0.06-0.6	0.12-0.18	3.0-5.9	---	.28	.28			
Sandy And Clayey Land	0-7	---	---	28-75	1.20-1.50	0.06-0.6	0.14-0.20	3.0-5.9	0.5-2.0	.28	.28	5	---	86
	7-72	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28			
ScD:														
Sandy And Clayey Land	0-28	---	---	---	---	6-20	0.04-0.15	0.0-2.9	---	.17	.17	3	---	134
	28-36	---	---	---	---	0.6-6	0.12-0.18	0.0-2.9	---	.17	.17			
	36-60	---	---	---	---	0.06-0.6	0.12-0.18	3.0-5.9	---	.28	.28			
Sandy And Clayey Land	0-7	---	---	28-75	1.20-1.50	0.06-0.6	0.14-0.20	3.0-5.9	0.5-2.0	.28	.28	5	---	86
	7-72	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28			
ScE:														
Sandy And Clayey Land	0-28	---	---	---	---	6-20	0.04-0.15	0.0-2.9	---	.17	.17	3	---	134
	28-36	---	---	---	---	0.6-6	0.12-0.18	0.0-2.9	---	.17	.17			
	36-60	---	---	---	---	0.06-0.6	0.12-0.18	3.0-5.9	---	.28	.28			
Sandy And Clayey Land	0-7	---	---	28-75	1.20-1.50	0.06-0.6	0.14-0.20	3.0-5.9	0.5-2.0	.28	.28	5	---	86
	7-72	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
SfB2:														
Sassafras	0-9	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	5	---	86
	9-40	---	---	18-27	1.35-1.50	0.6-2	0.11-0.22	0.0-2.9	---	.37	.37			
	40-70	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.17	.20			
SfC2:														
Sassafras	0-9	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	5	---	86
	9-40	---	---	18-27	1.35-1.50	0.6-2	0.11-0.22	0.0-2.9	---	.37	.37			
	40-70	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.17	.20			
SfD2:														
Sassafras	0-9	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	4	---	86
	9-40	---	---	18-27	1.35-1.50	0.6-2	0.11-0.22	0.0-2.9	---	.37	.37			
	40-70	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.17	.20			
SlB2:														
Sassafras	0-9	---	---	3-12	1.00-1.45	0.6-2	0.12-0.20	0.0-2.9	1.0-2.0	.28	.28	5	5	56
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
SlC2:														
Sassafras	0-9	---	---	3-12	1.00-1.45	0.6-2	0.12-0.20	0.0-2.9	1.0-2.0	.28	.28	5	5	56
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
SlD2:														
Sassafras	0-9	---	---	3-12	1.00-1.45	0.6-2	0.12-0.20	0.0-2.9	1.0-2.0	.28	.28	5	5	56
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
SsE:														
Sassafras	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
St:														
Stony Land	0-10	---	---	10-25	1.10-1.45	0.6-2	0.14-0.17	0.0-2.9	1.0-3.0	.32	.37	5	---	56
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.49			
SuB2:														
Sunnyside	0-8	---	---	5-15	1.10-1.25	0.6-2	0.12-0.18	0.0-2.9	1.0-4.0	.24	.24	5	3	86
	8-48	---	---	15-29	1.35-1.55	0.6-2	0.12-0.20	0.0-2.9	---	.28	.28			
	48-60	---	---	5-20	1.35-1.55	2-6	0.08-0.18	0.0-2.9	---	.24	.24			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permeability (Ksat)	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
SuD2:														
Sunnyside	0-8	---	---	5-15	1.10-1.25	0.6-2	0.12-0.18	0.0-2.9	1.0-4.0	.24	.24	5	3	86
	8-48	---	---	15-29	1.35-1.55	0.6-2	0.12-0.20	0.0-2.9	---	.28	.28			
	48-60	---	---	5-20	1.35-1.55	2-6	0.08-0.18	0.0-2.9	---	.24	.24			
W:														
Water	---	---	---	---	---	---	---	---	---	---	---	--	---	---
WaA:														
Watchung	0-9	---	---	15-40	1.20-1.40	0.2-2	0.14-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	48
	9-51	---	---	39-65	1.20-1.50	0.06-0.2	0.10-0.21	3.0-5.9	0.0-0.5	.37	.37			
	51-66	---	---	15-40	1.20-1.50	0.2-2	0.12-0.21	3.0-5.9	0.0-0.5	.37	.37			
WaB:														
Watchung	0-9	---	---	15-40	1.20-1.40	0.2-2	0.14-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	48
	9-51	---	---	39-65	1.20-1.50	0.06-0.2	0.10-0.21	3.0-5.9	0.0-0.5	.37	.37			
	51-66	---	---	15-40	1.20-1.50	0.2-2	0.12-0.21	3.0-5.9	0.0-0.5	.37	.37			
WoB2:														
Woodstown	0-11	---	---	5-18	1.00-1.40	0.6-6	0.08-0.16	0.0-2.9	1.0-2.0	.24	.24	5	3	86
	11-29	---	---	18-30	1.35-1.70	0.2-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			
	29-70	---	---	5-20	1.35-1.65	0.6-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			